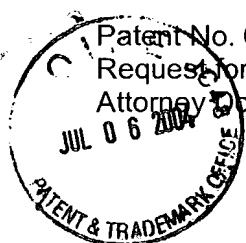


COPT



Patent No. 6,702,877  
Request for Cert. of Correction dated July 1, 2004  
Attorney Docket No. 0702-012058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,702,877 *B1* Confirmation No. 5516  
Inventor(s) : Rombout Adriaan SWANBORN  
Issued : March 9, 2004  
Title : Device for Separating A Mixture Of Gas  
With Liquid And/Or Solid Material  
Examiner : Robert A. Hopkins  
Customer No. : 28289

Certificate  
JUL 08 2004  
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction Branch  
Patent Issue Division

Sir:

In accordance with 35 U.S.C. §254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO error(s) and request that a Certificate of Correction be issued in the above-identified patent. The following errors appear in the patent as printed:

Title Page,  
[22] **PCT Filed**, "May 6, 2000" should read --June 5, 2000--.  
(See Published Application)  
Patent Office Error

Title Page,  
[54] **Title**, "APPARATUS AND METHOD FOR PROCESSING OF A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL" should read  
--DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL--.  
(See Preliminary Amendment dated 12/4/04, Page 1)  
Patent Office Error

JUL 09 2004

Column 1,

Line 1, "APPARATUS AND METHOD FOR PROCESSING OF A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL" should read

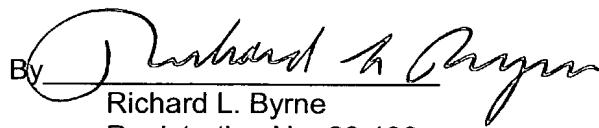
--DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL--.

(See Preliminary Amendment dated 12/4/04, Page 1)

Patent Office Error

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON  
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By 

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UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 6,702,877 <sup>B1</sup>  
DATED : March 9, 2004  
INVENTOR(S) : Rombout Adriaan Swanborn

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, [22] PCT Filed, "May 6, 2000" should read --June 5, 2000--  
(See Published Application)  
Patent Office Error

Title Page, [54] Title, "APPARATUS AND METHOD FOR PROCESSING OF A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL" should read  
--DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL--  
(See Preliminary Amendment dated 12/4/04, Page 1)  
Patent Office Error

Column 1, Line 1, "APPARATUS AND METHOD FOR PROCESSING OF A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL" should read  
--DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL--  
(See Preliminary Amendment dated 12/4/04, Page 1)  
Patent Office Error

{W0129150.1}

MAILING ADDRESS OF SENDER:

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700 Koppers Building  
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Pittsburgh, PA 15219-1818

PATENT NO. 6,702,877 <sup>B1</sup>

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 09 2004



PATENT APPLICATION/PCT  
Attorney's Docket No. 702-012058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Rombout Adriaan SWANBORN :  
International Application :  
No. PCT/NL00/00382 :  
International Filing Date :  
05 June 2000 :  
Priority Date Claimed :  
04 June 1999 :  
Serial No. Not Yet Assigned :  
Filed Concurrently Herewith :

Pittsburgh, Pennsylvania  
December 4, 2001

PRELIMINARY AMENDMENT

BOX PCT  
Commissioner for Patents  
Washington DC 20231

Sir:

Prior to initial examination, please amend the above-identified patent application  
as follows:

IN THE SPECIFICATION:

On page 1 of the specification, amend the title to read as follows:

DEVICE FOR SEPARATING A MIXTURE OF GAS  
WITH LIQUID AND/OR SOLID MATERIAL

On page 1 of the specification after the title and before the first paragraph,  
please insert the following section headings:

BACKGROUND OF THE INVENTION

1. Field of the Invention

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
14 December 2000 (14.12.2000)

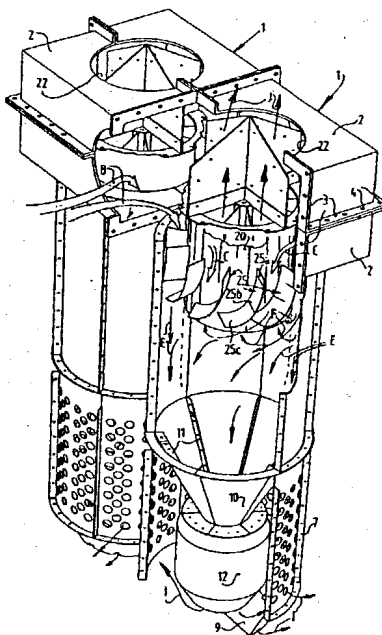
PCT

(10) International Publication Number  
**WO 00/74815 A3**

- (51) International Patent Classification: B01D 45/16, (74) Agent: LAND, Addick, Adrianus, Gosling; Arnold & B04C 5/181, 5/12 Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (21) International Application Number: PCT/NL00/00382 (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date: 5 June 2000 (05.06.2000)
- (25) Filing Language: Dutch
- (26) Publication Language: English
- (30) Priority Data: 1012245 4 June 1999 (04.06.1999) NL
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicants (*for all designated States except US*): SPARK TECHNOLOGIES AND INNOVATIONS N.V. [NL/NL]; Kaya W.F.G. (Jombi), Mensing 36, Curaçao (AN). KOCH-GLITSCH N.V. [NL/NL]; Scharlooweg 81, Curaçao (AN).
- Published:  
— With international search report.
- (71) Applicant and
- (72) Inventor: SWANBORN, Rombout, Adriaan [NL/NL]; Kemperbergerweg 39, NL-6816 RN Arnhem (NL).
- (88) Date of publication of the international search report: 12 April 2001

[Continued on next page]

(54) Title: DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL



(57) Abstract: A device for separating a mixture of gas with liquid and/or solids, which comprises a gravity separation vessel and a processing vessel which can be mounted in the gravity separation vessel. The processing vessel comprises a flow body (20) which is provided with one or more swirl elements (25) which set the feed mixture into rotation. The processing vessel also comprises a resistance element (12) which is positioned between an outlet for the heavier fraction of the mixture and the flow body. The processing vessel may also comprise counterswirl elements which are positioned in the discharge channel for the lighter fraction of the mixture.

WO 00/74815 A3